

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: leeboo@ct.net (Leon Wiltsey)
Subject: ADVENTURES IN BUILDING
Message-ID: <199703051459.JAA03624@blue.ct.net>

>To: GLOBUGS@ THE PORCH.COM
>From: leeboo@ct.net (Leon Wiltsey)
>Subject: ADVENTURES IN BUILDING
>Cc:
>Bcc:
>X-Attachments:
>
>Hi Gang
>
>finally got started on my regen transceiver.
>2 6aq5's in rec and 2 16l's in trans.
>Found I could get a nice new 6aq5's for 2.99
>from radio shack. Boy drilling filling and then
> filling some more.. Have an old 12' by 8"
> aluminum chassis with a 12 by 10 front panel
>No power tools so lots and lots of making
>holes by hand for tube sockets, trans, and
>switches. much fun, after about 3 hrs finally
>got most of the parts mounted. The nice
>vernier dial I got thru the net will sure come in
>handy, but what a job getting it mounted
>to the tuning caps!!!!!! Am taking the test
>the 3rd wed of this month. By then should have rec
>working at least. Still have to round up a 1/2 meg
>pot to use as a volume cont, but will get that
>in Tampa on thursday. (going there so wife can see
>the dr. who is handling her chemotherapy. (she
>is battling cancer) the prognosis is good so I am
> very thankfull for that. Well thats about it, more
>later.
>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

68yr old semi disabled senior
(stroke got my balance and coordination)
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: "Ray L. Mote" <rmote@rain.org>
Subject: AM-20B/TIQ-2 BA audio amp
Message-ID: <Pine.SUN.3.95.970305001751.8598C-100000@coyote.rain.org>

The AN/TIQ-2 military PA system included this amp, a turntable, speakers, mikes, cables, etc. It was also intended for use with the R-100/URR troop entertainment receiver (which seems to have no manual of its own, and is mentioned only briefly with one photo). Would you believe 6SL7's as mic/turntable amps (on their own shockmounted subchassis yet) driving a pair of 6L6's at 20 solid watts? Was considering stripping this one, but lit it off just for fun. (BIIIG mistake!) It works!! Proceeded to use it to test my old T-17, RS-38A, and M-51 mikes. This beast is heavy, but runs cool as a cucumber despite the previous owner's removal of the fan. It has two hi/lo-Z mike inputs, a phono/line input, a radio/carbon mike input, each with a level control, and a "tone" control. Toggle switches to select phono or line and radio or carbon mike. Output transformer tapped for 600, 250, 125, 60, and 30 ohms. There are four nice 100 ohm to hi z transformers hidden behind the front panel.

Fair Radio still has the input and output transformers (9K ohm primary for push-pull 6L6's on the output iron), should you wish to acquire something in the way of decent parts that go all the way to 10 KHz.

If you run across one of these at a swap, don't pass it up!

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: "Jim Berry" <basalop@eskimo.com>
Subject: Antenna Newsgroup ??
Message-ID: <199703051850.KAA20333@mail.eskimo.com>

Hello BA Fans,

I want to look at the Newsgroup that discusses antennas. I be dinged if I can find it. Anyone know the address? Also I would be interested in any group who discuss antennas. Don't want to do that on here you know.

73 Jim

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Gary Pewitt <gpewitt@execpc.com>
Subject: AR-88 Manual needed
Message-ID: <Pine.GS0.3.95.970304120535.11323A-100000@earth>

I will be trading my extra SX-28A for an RCA AR-88LF soon and I will need a manual or copy for it. Happy to pay any reasonable price. Also interested in any information about this fairly rare rig. Got any info, war stories, out-of-body-experiences?
Thanks Gary gpewitt@execpc.com

gpewitt@execpc.com N9ZSV 414 355 8147
Gary Pewitt 6120 W. Calumet Rd. Apt 204
Milwaukee, WI 53223. Boatanchor buff

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
Subject: Re: AR-88 Manual needed
Message-ID: <Pine.A32.3.91.970304132740.38341A-100000@ppdu.nrl.navy.mil>

Gary,

I have an open offer that if you send me a 9 x 12 " envelope with your address and \$3.00 postage I will send a xerox collection of AR-88 articles .

Paul Bernhardt, KF4FOR
5704 Ridge View Dr.
Alexandria, VA 22310

On Tue, 4 Mar 1997, Gary Pewitt wrote:

> I will be trading my extra SX-28A for an RCA AR-88LF soon and I will
> need a manual or copy for it. Happy to pay any reasonable price.
> Also interested in any information about this fairly rare rig.
> Got any info, war stories, out-of-body-experiences?
> Thanks Gary gpewitt@execpc.com

>
> gpewitt@execpc.com N9ZSV 414 355 8147
> Gary Pewitt 6120 W. Calumet Rd. Apt 204
> Milwaukee, WI 53223. Boatanchor buff
>
>

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: arc5@ix.netcom.com
Subject: CACHE OF RARE ARC-5 CONNECTORS FOUND
Message-ID: <1997350529441@ix.netcom.com>

One of the toughest connectors to find for an ARC-5 Command Set is the 18-pin job from the C-29 control box to the MD-7 modulator. The "loom" type is the ARC 9585 and the "shielded cable" type is the ARC 6962. Even if you're going to use a BC-451 control box, you still need one of these connectors. They have been unobtainable for a long time. In ten years of hunting, I've only discovered four. Well, I found out why they're so rare. I've received a cache of 178 of the 9585 and 72 of the 6962 connectors from an aircraft parts dealer. All are excellent NOS.

My first concern is that these become available to the restoration/BA community at large. It's too many for me to think of purchasing, and there's no way I have the time to ship dozens of onesies and twosies, so I'm going to see if I can't get one of the big surplus houses to take them on. If I'm successful, I'll post the name of the outfit that took them and selling price. If the surplus houses don't take them, I'll try to distribute as many as my very limited time will allow.

If you plan ever to build an authentic ARC-5, I urge you to snag a few of these connectors. I can promise that once these are gone, you'll play dickens trying to find any more.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: provero@connix.com
Subject: Collins R-391 #478
Message-ID: <199703050223.VAA25835@comet.connix.com>

I've got the subject receiver on the bench, troubleshooting for a non-listmember non-ham co-worker. No autotune/cables or power supply, so can't tell if that part works or not.

The radio is complete, with both meters and covers, but minus the tube pullers and bristo wrench.

In severe need of alignment, many suspect tubes (they *are* supposed to glow in the dark), and the KC knob doesn't drive the KC part of the mechanical counter (does tune the radio).

I have the 390 schematics from the mil list, any other pointers to 391-specific bugaboos that I should watch out for?

Thanks in advance,

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.connix.com/~provero/

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: DDoonan@vines.etn.com
Subject: Collins S-line for sale
Message-ID: <0016issmiqkw.0016hbpnztjf@vines.etn.com>

Dennis Doonan, KG9D0
Power Electronics Research
ddoonan@vines.etn.com
414.449.6916
Eaton Corporate Research -- Milwaukee

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Re: CRM-46152 help needed
Message-ID: <A5123ZWSUJ1PUF*/R=OUVAXA/R=A1/U=POST/@MHS>

>someone must have considerately removed the military nameplate
>for you. sure sounds like the DAE; and the first letter of its name
>tells you its occupation.

For a picture of the DAE, Navy part number CRM-46153, complete with its
hard-to-find loop, try
http://ouvaxa.cats.ohiou.edu/~post/MRT/DF_R.html

It's the one on display at the Museum of Radio and Technology.
If yours looks like it, it's a direction finder.
The Museum's home page is
<http://www.library.ohiou.edu/MuseumR&T/museum.htm>

73 de Rich KB8TAD

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Bob Roehrig <bproehrig@admin.aurora.edu>
Subject: Re: CRM-46153 help needed
Message-ID: <Pine.ULT.3.95.970304210949.2704E-100000@admin.aurora.edu>

On Tue, 4 Mar 1997 Ho4bart@aol.com wrote:

> someone must have considerately removed the military nameplate
> for you. sure sounds like the DAE; and the first letter of its name
> tells you its occupation. hue miller

If I had looked closer to the set, I would have seen the DAE-1 on it!
Thanks for waking me up.

Thanks to Ray Mote, I was able to figure out the antenna input circuit.
I made a loop antenna of 16 turns of wire around a 12" waste basket
for a form. Using clip leads, the front end of the radio now aligns
perfectly. It is one hot receiver.

As someone commented, the bandpass is a little narrow for AM listening.
I stagger tuned the IF's and also reduced the detector plate bypass
from .002uF to 470pf and it now sounds pretty good. Even with just
a 6J5 audio stage, it is not too bad except the audio level is a bit
low on SSB on 160 meters. If I crank up the RF gain, it distorts too
much - something else to be looked at. Also there is 500mv 60Hz ripple

on the grid of the 6J5. But it is shaping up. Thanks to all for your comments.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: CV-657A SSB adapter.
Message-ID: <78875.ddillman@igc.apc.org>

On Tue, 4 Mar 1997 11:09:31 GMT,
Larry Bearse <lbearse@mail1.nai.net> wrote:

> Has anyone heard of a military SSB adapter of this part number? Just
> picked one up, and it supposedly does not function well. The tag says it is
> made by TMC and is "For General Radio Use". Does it work at 455Khz? any
> schematics floating around out there in Boatanchor Land?

Greetings, Larry. As you'll doubtless hear from others the CV-657A is
a version of the CV-591A that operates at lower IF frequencies.
However, I quote the following from the manual:

"1-1-3 The local or remote tuning feature of the MSR-3a (TMC's
civilian designation for the CV-657A) permits operation with any
receiver having an I.F. centered at 200kc. However, when the
oscillator is switched to crystal control and the proper crystals
inserted, any I.F. up to 1.5mc. may be used."

Regards,

Dick

> Thanks.....Larry, WA1LGQ
>

Dick Dillman
WPE2VT W6AWO
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: km1h@juno.com
Subject: Famous Quotes
Message-ID: <19970304.205028.12127.31.km1h@juno.com>

Forgive me Jack! I couldnt resist this....Carl

Famous Last Words.

"Computers in the future may weigh no more than 1.5 tons."
- Popular Mechanics, forecasting the relentless march of science, 1949

"I think there is a world market for maybe five computers."
- Thomas Watson, chairman of IBM, 1943

"I have traveled the length and breadth of this country and talked with the >>>best people, and I can assure you that data processing is a fad that won't last out the year."
- The editor in charge of business books for Prentice Hall, 1957

"But what ... is it good for?"
- Engineer at the Advanced Computing Systems Division of IBM, 1968, commenting on the microchip.

"There is no reason anyone would want a computer in their home."
- Ken Olson, president, chairman & founder of Digital Equipment Co, 1977

"This 'telephone' has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to us."
- Western Union internal memo, 1876.

"The telephone will be used to inform people that a telegram has been sent."
- Alexander Graham Bell.

"The wireless music box has no imaginable commercial value. Who would pay for a message sent to nobody in particular?"
- David Sarnoff's associates in response to his urgings for investment in the radio in the 1920s.

"The concept is interesting and well-formed, but in order to earn better than a 'C,' the idea must be feasible."

- A Yale University management professor in response to Fred Smith's paper proposing reliable overnight delivery service. Smith went on to found Federal Express Corp.

"Who the hell wants to hear actors talk?"

- H.M. Warner, Warner Brothers, 1927.

"I'm just glad it'll be Clark Gable who's falling on his face and not Gary Cooper."

- Gary Cooper on his decision not to take the leading role in "Gone With The Wind."

"A cookie store is a bad idea. Besides, the market research reports say America likes crispy cookies, not soft and chewy cookies like you make."

- Response to Debbi Fields' idea of starting Mrs. Fields' Cookies.

"We don't like their sound, and guitar music is on the way out."

- Decca Recording Co. rejecting the Beatles, 1962.

"Can't dance. Can't act. Can sing a little."

- Notes from Fred Astaire's screen test.

"Heavier-than-air flying machines are impossible."

- Lord Kelvin, president, Royal Society, 1895.

"If I had thought about it, I wouldn't have done the experiment. The literature was full of examples that said you can't do this."

- Spencer Silver on the work that led to the unique adhesives for 3M "Post-It" Pads

"So we went to Atari and said, 'Hey, we've got this amazing thing, even built with some of your parts, and what do you think about funding us ? Or we'll give it to you. We just want to do it. Pay our salary, we'll come to work for you.' And they said, 'No.' So then we went to Hewlett-Packard, and they said, 'Hey, we don't need you. You haven't got through college yet.'"

- Apple Computer Inc. founder Steve Jobs on attempts to get Atari and HP interested in his and Steve Wozniak's personal computer.

"Professor Goddard does not know the relation between action and reaction and the need to have something better than a vacuum against which to react. He seems to lack the basic knowledge ladled out daily in high schools."

- 1921 New York Times editorial about Robert Goddard's revolutionary rocket work.

"You want to have consistent and uniform muscle development across all of your muscles? It can't be done. It's just a fact of life. You just have to accept inconsistent muscle development as an unalterable condition of weight training."

- Response to Arthur Jones, who solved the "unsolvable" problem by inventing Nautilus.

"Drill for oil? You mean drill into the ground to try and find oil? You're crazy."

- Drillers who Edwin L. Drake tried to enlist to his project to drill for oil in 1859.

"The bomb will never go off. I speak as an expert in explosives."

- Admiral William Leahy, US Atomic Bomb Project.

"This fellow Charles Lindbergh will never make it. He's doomed."

- Harry Guggenheim, millionaire aviation enthusiast.

"Stocks have reached what looks like a permanently high plateau."

- Irving Fisher, Professor of Economics, Yale University, 1929.

"Airplanes are interesting toys but of no military value."

- Marechal Ferdinand Foch, Professor of Strategy, Ecole Superieure de Guerre.

"Man will never reach the moon regardless of all future scientific advances."

- Dr. Lee De Forest, inventor of the vacuum tube and father of television.

"Everything that can be invented has been invented."

- Charles H. Duell, Commissioner, U.S. Office of Patents, 1899.

"Louis Pasteur's theory of germs is ridiculous fiction".

- Pierre Pachet, Professor of Physiology at Toulouse, 1872

"The abdomen, the chest, and the brain will forever be shut from the intrusion of the wise and humane surgeon".

- Sir John Eric Ericksen, British surgeon, appointed Surgeon-Extraordinary to Queen Victoria 1873.

"If excessive smoking actually plays a role in the production of lung cancer, it seems to be a minor one."

- Dr. W.C. Heuper of the National Cancer Institute, as quoted in the New York Times on April 14, 1954.

"For the majority of People, smoking has a beneficial effect."

- Dr. Ian G. Macdonald, Los Angeles surgeon, quoted in "Newsweek", Nov. 8th 1963.

"640K ought to be enough for anybody."

- Bill Gates, 1981

----- End forwarded message -----

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997

From: Sandy W5TVW <ebjr@worldnet.att.net>

Subject: FS/FT: Odds-N-Ends

Message-ID: <19970305040754.AAC18247@LOCALNAME>

Hello gang,

Time for another odds-n-ends sale. Trying to make room. I have the following:

EICO 377 Sine/square wave generator. Covers 20 to 200,000 Hz in 4 ranges continuously. (Not 'step' tuning) working OK. Case needs paint. With photocopy of manual. \$15 plus shipping/packing.

HEWLETT PACKARD 614A and 616A RF Generators. The 614 covers 780-2200 Mhz and the 616A covers 1750-4400 Mhz. The 614A works fine last time I tried it! The 616A has a bad power transformer (I think) and needs some tubes (Tubes still in the RF cavities though!) I must get these out from underfoot! \$10 for BOTH to the first person to show up and pick them up! New Orleans area. Won't ship-pickup only.

SBA-312 Commercial SSB transmitter-receiver. Mostly sand state except for driver-PA tubes (uses 6883 tubes which is 12 volt 6146B) Exciter-receiver uses Collins filter type system (455 khz.) 6 channels crystal controlled USB. Presently setup for 2,4,6,8,12,16 Mhz channels. Power supply built-in. 100 watts PEP out. Condition is fair. It was working (honest injun) a year ago. No doubt will need cleaning up etc.

Sell for \$75 plus shipping or trade for ????

USM-3 test set "bone". Have cabinet (fair-needs paint), the TV-4 tube tester in fair to good condition and the Signal Tracer in fair to good condition. No cables, no tools.
Sell for \$20 plus shipping or trade for ???

National SW-3 receiver, model 2, battery version. Rather rare! Uses a pair of '32 tubes and a '30. In very good condition for it's age, original knobs, works well. LESS coil sets. Want to trade for an "AC" model SW-3, model 2 in comparable condition
LESS coil sets. (This is the one that uses a pair of '58 tubes and a single '27....OR...
a pair of 6D6's and a '76.....depending on heater voltage being used. TRADE only.
Not interested in selling it!

I am presently looking for a set of B&W TVL or HDVL coils for 160/80/40/20 meters with jackbar and swinging link, also JVL coils for 160/80, a cosmetically nice Hallicrafters S-76 that is original and complete (if it needs re-capping, this is OK), RK-34 tubes, RK-20 tubes, What have you?

73,

Sandy Blaize W5TVW
ebjr@worldnet.att.net

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Chris Demeroukas <radios@accessusa.com>
Subject: FS: Measurements Model 59 Megacycle Meter
Message-ID: <32DCA94F.1D8C@accessusa.com>

BAers:

FOR SALE: Very good/almost excellent condition Measurements Model 59 Megacycle Meter and copy of the manual. This grid dip oscillator covers 2.2 - 420 MHz and is considered one of the best (if not the best) vacuum-tube era GDOs.

Based on discussions in this group, I've decided to sell it via the following two-round bid process:

1. Minimum bid is \$125
2. Buyer figures out and pays UPS (from 62707)
3. Bidders should send first offers by March 10th

4. I will tell all bidders (BY PRIVATE E-MAIL) the highest bid I've received by the 10th.
5. If anyone is interested in submitting a higher bid, they must do so within an additional 5 days (by March 15th).
6. I'll ship it to the person with the highest bid (if the minimum bid is met) once I receive the check from that person covering the bid plus shipping.

Thanks.

Chris
radios@accessusa.com

16:42 CDT Mar. 5, 1997

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: owens@stout.atd.ucar.edu (Chip Owens)
Subject: FS: Crystal Filters 6kHz BW
Message-ID: <199703051736.KAA00046@atd.atd.ucar.EDU>

FOR SALE:

Crystal filters from the aircraft surveillance receiver ESL R902A/L

center frequency: 2.2MHz
nominal BW: 6kHz
no. of poles: 6
3dB BW: 5.3kHz
6dB BW: 7.2kHz
60dB BW: 13.1kHz
shape factor: 1.82
size: 3"long X 1"high X 1" wide
mfg.: Network Sciences
pn. 2.2-6
Impedance: 3,250 ohms in parallel with 33pF

\$35 each postpaid in U.S.

Chip, NW00

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "Chuck Hallett" <w7lds@usa.net>
Subject: FS: NIB DX-100B Cabinet
Message-ID: <www0-BcDLpu2194@netaddress.usa.net>

I have available this cabinet in it's original Heath factory container. Any interest? Consider trades or cash.

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "Greg Parsons A.K.A. Rat" <gregp@mis.net>
Subject: Galaxy V MK II questions
Message-ID: <2.2.32.19970304184053.00936578@pop.mis.net>

Hello gang,

Well last night at our club meeting I had one giving to me, got a manual and stuff with it, looked thru it last night, and found a few problems, but those can wait for a bit. Right now I am just wondering what people think about this rig, I never paid any mind to it before, and now I have one. What are the pros and cons of this rig? Besides the 6hf5 tubes that the manual says have to be matched GE brand?

TIA & 73,
Greg
ke4ooo

```
-----  
| Greg Parsons      KE4000      gregp@mis.net gregp@lfucg.com      |  
| AMI #865      DoD 862      Who has the coffee? Better yet, who has the Ale8one? |  
| NRA Life, SCCA, SCA      http://www.stdio.com/~gregp      http://www.lfucg.com |  
-----
```

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: jmlckwd@mindspring.com (Jim Lockwood)
Subject: Re: Galaxy V MK II questions
Message-ID: <199703041937.0AA146584@mule0.mindspring.com>

At 06:40 PM 3/4/97 GMT, Greg Parsons A.K.A. Rat wrote:

> Right now I am just wondering what people think
> about this rig, I never paid any mind to it before, and now I have one. What
> are the pros and cons of this rig?

Pro: Lots of Watts for the dollar. Expect to see 200 W PEP out of the 6HF5s. Very stable VFO and smooth tuning with the dual speed dial drive. Funky appearance due to the sideways dial; lots of charm.

Cons: Continually evolving design: schematic may not match radio. Poor heat management inherent to the compact industrial design will result in lots of out of tolerance carbon resistors. Some power resistors are operated at 125% of rated Wattage. PA compartment locates shiny metal reflective surfaces only fractions of an inch from sweep tubes; reliability impaired? Entire design may have been done to "typical" specs rather than

"worst case".

>Besides the 6hf5 tubes that the manual
>says have to be matched GE brand?

Opinions vary on the merits of matching the tubes and this subject was beat to death with no real clear resolution about a year ago. The 6HF5s in my Galaxy are not matched (the filaments don't even glow with the same brightness) and I've used mine for two years since refurbishing the thing. YMMV.

Overall, it's a low cost transceiver that is very usable, once all the drifty resistors are changed out and the tubes replaced. However, you'd never be tempted to trade your TR-4 for one, if you get my meaning.

73,

Jim - km6nk/4

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: TPHAAK@monsanto.com
Subject: RE:Gonset 76
Message-ID: <00304000027258560000002*@MHS>

Gang,

I have a Gonset 76 with AC speaker supply. It is very sensitive but very broad on receive. I like the audio on receive and I am told the transmit audio sounds fine. Tune-up is simple and quick. It needs to be since the final is a sweep tube I believe. It runs around 65W on 75M and 40M phone. I have never tried it on CW.

I have the Gonset "chrome twins" also. They do not perform near as nice as the G-76 much to my disappointment. I have been through the alignment and tube checking routines but the twins won't come close to the G-76. This has been my experience with still another set of twins that I sold sometime back. The G-76 does drift some and you notice it with the BFO on but for casual phone I always turn this one on first.

Tim WA0TSY
tphaak@monsanto.com

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: arc5@ix.netcom.com
Subject: Re: Help w/ID of Mil Items
Message-ID: <1997342052336334@ix.netcom.com>

On 03/04/97 17:13:50 you wrote:

>... would like to figure
>out what they're used in:
>
>U.S. Army Signal Corps Crystal Unit
>DC-8-C - 6200 KC - Mfg by GE for
>Western Electric
>
>U.S. Army Signal Corps Crystal Unit
>DC-8-K - 4600 KC - Mfg by Western Electric
Both these are calibration crystals for use
in SCR-274N Command Set transmitters.
4600 is for the BC-457 and 6200 is for the BC-458.

>RU-16 Coil set, Range K (New in the original packing)
>RU-16 Coil set, Range H (New in the original packing)
>GF-11 Coil Set (6000-7350 KC) for CW-52063A Transmitter,...
Coil sets for the Pre-ATA/ARA and ARC-5 Navy aircraft Command Sets.
Circa 1935-1942. The set was known as the GF/RU.
Army version was the SCR-183.

73 DE Dave Stinson AB5S

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: HP-200CD help
Message-ID: <331CD624.19DE@vifp.monash.edu.au>

Hi Jose and the group,

>is a bit damaged (any spare around?). Also, the main metal piece
> which supports all the three shafts, is broken in the bottom part, so the
> small tuning knob is loosen know. I plan to restore this piece (with some
> strong adhesive; any hint?)

I doubt whether any adhesive would be strong enough here - if you can't
find a replacement it might be necessary to make up an aluminium plate
fixture to bolt or rivet on to the original bracket.

> So, please, let me know your HP-200CD restoring stories

Mine restored up quite well. I gave it the Stan Griffiths water wash treatment and a bake in the hot sun. I found that it was really important to keep the power transformer dry and also to make sure the tube sockets dried up properly. Once it's going it runs pretty warm anyway and should dry out adequately. This is such a high impedance device that the slightest amount of leakage will upset its operation and it can appear to have quite a bizarre fault. In particular some faults can be recognized by the two light globes showing a visible glow - normally they operate below visibility.

Electronically the 200CD seems pretty indestructible.

73

Morris

Morris Odell Victorian Institute of Forensic Medicine
Forensic Physician 57-83 Kavanagh St, Southbank 3006
morriso@vifp.monash.edu.au Victoria, Australia

Web page: <http://www.vifp.monash.edu.au/CFM/staff/mo.html>

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Randyc3@aol.com
Subject: HQ Paint Match - Help
Message-ID: <970304183436_245832106@emout16.mail.aol.com>

Helping touch up the paint on a friends HQ100A. Has anyone found a commercial color match for the light grey or dark grey?
Thanks

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Keith Heitzmann <kk5fe@communique.net>
Subject: Re: HQ Paint Match - Help
Message-ID: <2.2.16.19970304222552.2c7fd4b0@mail.communiquen.net>

Hi,
I just repainted an HQ-160 and found about the closest paint I could find without having it mixed is made by Rust-Oleum in there Professional grade. The color is called Dark Machine grey, part number 7587. I think there is

also a light version of the same paint. It is a little lighter than the original but very close, however if you are just going to "touch up" I think this will show.

Hope this helps.

Later,

Keith KK5FE

At 11:36 PM 3/4/97 GMT, you wrote:

>Helping touch up the paint on a friends HQ100A. Has anyone found a

>commercial color match for the light grey or dark grey?

>Thanks

>

-----Keeper of all that I buy-----

-----AMI# 837-----

----<http://www.communicue.net/~kk5fe>----

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997

From: GDePrez@aol.com

Subject: HRO "PW" dial-stands for?

Message-ID: <970305105755_-1272393862@emout02.mail.aol.com>

Gang - curious about the term "PW" used to describe the clever dial on the National HRO receivers. Stands for what? "Precision Widget?" Not mentioned in the manual, and no explanation in Moore's receiver book. Also, I cannot find a serial number anywhere my HRO-50. Did National glue on a paper SN strip, like Hallicrafters, for this vintage radio (which may have fallen off)? Or did they do SN's at all?

Thanks,

Greg DePrez

GDePrez@aol.com

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997

From: Al Klase <skywaves@bw.webex.net>

Subject: Re: HRO "PW" dial-stands for?

Message-ID: <331DC480.6CEE@webex.net>

GDePrez@aol.com wrote:

>

> Gang - curious about the term "PW" used to describe the clever dial on the
> National HRO receivers. Stands for what? "Precision Widget?"

Hello All,

It's my belief that PW stands for PRECISION WORM, referring to the associated gearbox.

73, Al

--

Al Klase - N3FRQ
skywaves@webex.net
Flemington, NJ

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Dennis Gibbs <dgibbs@rational.com>
Subject: RE: HRO-60
Message-ID: <01BC28A9.778ACB20@dasher.rational.com>

From: JONWEINER@aol.com[SMTP:JONWEINER@aol.com]

> I have a National HRO-60 related question. When in the double =
conversion
> mode, the first IF is 1990 Kcs. The alignment instructions say to set =
the
> signal generator at 2010 Kcs and align at that frequency. Why the 20Kc
> difference? Jon, K1VVC

Because the manual you have is the wrong one for the receiver you have. =
There are other versions of the HRO-60 manual that *DO* specify 1990 as =
the first IF.

I have not yet been able to track down when this change was made, or =
why. I also have not been able to figure out which productions runs of =
the HRO-60 were affected, or how to tell if any given HRO-60 has 1990 or =
2010 as its first IF. Does anyone else know the answer to these =
questions?

Dennis Gibbs
dgibbs@rational.com

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: km1h@juno.com
Subject: HRO-60 IF Frequencies
Message-ID: <19970305.074217.9871.1.km1h@juno.com>

Hello all,

I remember this issue when I was a service tech and later Svc Mgr at National, 1963-69. The idea put foreward by one reader that it may have been to eliminate a popular ham frequency IF feed thru holds merit. I do not know for sure.

It may also have been to standardize the IF frequency throughout the HRO-60, NC-183D, NC-300 and NC-303 products. Someone please check me on this one, but I believe that the 303 used 2010KHz. It was also the only one of the group that was designed with a crystal controlled oscillator.

The HRO-60 was produced in limited quantities even in the mid-sixties, usually due to a specific order from a commercial or government customer. National would then contact their ham dealers and book orders from them. This way the big customer would pay for the line set-up charges and the dealer sales were gravy. Those late runs used a crystal controlled 2nd oscillator and I am pretty sure it was 2010 or the same frequency as the 303 anyway.

Also note that whenever a HRO-60, NC-183D or NC-300 came in for service, it was given the crystal control treatment as a routine procedure. I only remember one crystal as being used by all. I'll have to rummage thru my crystal stash and see if there are any 2465 or 2445Khz. When National was going thru their first bankruptcy in 1969 old inventory was scrapped by the truck load.

I hope that I have not added to the confusion but I lost most of my manuals and factory service notes many years ago in a flood. Trying to go by memory.

73....Carl KM1H

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "Garey Barrell, K40AH" <75025.73@CompuServe.COM>
Subject: HRO-60 1st IF
Message-ID: <970304220605_75025.73_FHD62-1@CompuServe.COM>

Lon, K5JV wrote:

The National manual supplied with my HRO-60 has the following nomenclature printed on the bottom right corner of the back cover:

SM 1000 12-54
Printed in the U.S.A.
ER: 425.

I do not claim to know what any of that means, but suspect that the 12-54 means "December 1954". In this manual there are several reference to the first IF frequency. They are all 1990 Khz. There is no mention of 2010 Khz in this manual. I would like to see what several different printings of the HRO-60 manual give for this frequency.

My National manual, with the following "ID" ? :

SM-500 1-65 (January 1965?)

clearly states

"The first I.F. frequency of the HRO-60 when using double conversion is 1990 kilocycles plus or minus 3 kilocycles."

SAMS Folder 4, set 202, dated 5-53 specifies a generator frequency of 2010 kc. for aligning the first conversion converter.

So. Either SAMS is in error, or the IF frequency was a little higher in the earlier model. As Lon said, it probably doesn't make a whole lot of difference in the operation of the receiver. UNLESS there was a big, bad ol AM'er with a 1990 or 3980 kc crystal for his transmitter living down the street from you!! It probably makes more sense to have the IF and image frequencies outside the ham band ??

73, Garey - K40AH
75025.73@compuserve.com
Atlanta

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: km1h@juno.com
Subject: HRO-60 correction
Message-ID: <19970305.085500.9871.10.km1h@juno.com>

When I goof...I goof all the way. Tnx to the quick responses that the NC300/303 used 2215KHz for the IF.

I told you it was by memory....the 2nd thing to go.

Sri for the confusion; will wear ski gloves for the rest of the day so I don't get tempted to use the keyboard.

73.....Carl KM1H

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "Lon W. Cottingham" <k5jv@swweb.net>
Subject: HRO-60 First IF Frequency
Message-ID: <331C6C78.6E97@swweb.net>

Greetings to All,

I have been following the discussion about the actual first IF frequency of the HRO-60. I am particularly interested in this subject because a beautiful HRO-60 project is next on my list.

The National manual supplied with my HRO-60 has the following nomenclature printed on the bottom right corner of the back cover:

SM 1000 12-54
Printed in the U.S.A.
ER: 425.

I do not claim to know what any of that means, but suspect that the 12-54 means "December 1954". In this manual there are several references to the first IF frequency. They are all 1990 Khz. There is no mention of 2010 Khz in this manual. I would like to see what several different printings of the HRO-60 manual give for this frequency.

Raymond S. Moore's "COMMUNICATIONS RECEIVERS, The Vacuum Tube ERA: 1932 - 1981", 2nd edition, gives the first IF frequency to be 2010 Khz.

I called Tom Miller, K4IC, from whom I acquired my HRO-60 and asked for his input. Tom was the original owner and has been an HRO fan for many, many years. He says that the only first IF frequency that he has ever heard of is 1990 Khz. He insures me that he aligned this particular receiver several times through out the years and always used 1990 Khz.

So, what is the answer? I do not know. I would go with 1990 Khz. It is quite possible that National did actually change the IF frequency in some production runs. Hammerlund and Hallicrafter were especially known for this trick. Perhaps they were looking for an improvement in image response or, who knows what. In reality, it does not make a lot of difference. If this is a big point to you, I would suggest that you try

both frequencies. This assumes, of course, that the oscillators have a wide enough adjustment range to tune to both required frequencies (they probably will). The important thing is that the you end up with the correct second IF frequency. That will be very close to 455 Khz. Not necessarily exactly 455 Khz. This frequency is determined by the exact frequency of the crystal in the crystal filter.

--

Try alignment on both frequencies. Your receiver may or may not align on both frequencies. My bet is that it will. 20 Khz is not very far to move with this type of circuit. If it will only align on one of the frequencies, you have solved the mystery. If it does align on both frequencies, thoroughly check the operating performance of you receiver to determine if one frequency gives better performance than the other. Check to see if the oscillator tuning controls are near their limits on either of the frequencies. Especially look for a flat response across the entire tuning range. Check for an improvement in image response on one of the frequencies.

Original manuals are usually the best sours of information on BA type equipment. Just remember, they are not perfect (military manuals included).

73 de Lon, K5JV

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: don merz <71333.144@CompuServe.COM>
Subject: HT-32 FS
Message-ID: <970304194036_71333.144_DHB53-4@CompuServe.COM>

A local teenager who likes BAs recently bought some stuff at an estate sale and he wants to sell the HT-32 that was in the group. I talked to his mom and she said that he paid \$150 for it and I think he just wants to get his money back. He has the original manual for it. I have seen it and except for 3 scratches, each about 2" long, on top of the cabinet, it appears to be in excellent original condition, inside and out. The only possible exception to the original-ness of the TX is that it had an older style single-contact mic connector. I'm not sure if that was standard issue or is a mod. If anyone is interested or wants to make an offer, let me know and I will act as go-between. If anyone decides to buy it, I will pack and ship it to make sure it gets there in the same condition it leaves here.

It's nice to see a young kid interested in BAs. I have know this guy, Lee, for years and gave him my Tek 535 and etc some time ago. He is a real tinkerer and also got his ticket so he's really hooked. He's one of the good (young) guys.

73, Don

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Paul E Settle <pauls@inreach.com>
Subject: HT-32a manual
Message-ID: <331CE1C0.5614@inreach.com>

Im looking for the manual for Hallicrafters HT-32 or HT-32a. I have both
radios and neither work, they are going to be my first BA projects on a
sideband transmitter. Paul KE6TPR

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: Invader 2000 info
Message-ID: <199703042150.QAA04494@server1.ils.net>

At 04:32 PM 3/4/97 GMT, Emile_Imberman@3mail.3com.com wrote:

>
>
>
>
>
>Hi,
> I would like to communicate with anyone who owns a Johnon Invader
>2000. I have one that has been slightly modified and would like to get it
>back in shape. Some questions will come up and would appreciate the contact
>for those, etc.

>
>Thanks... Emile
>Emile_Imberman@3mail.3com.com
>

Hello Emile. I have an Invader 2000 and will help as much as I can.
73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: 4CX250B@miavx1.acs.muohio.edu
Subject: Re: KWM-2 problems - please help if you can
Message-ID: <v03007803af42126f464d@[134.53.5.143]>

Hi Dave,

Your problem could be that the screen voltage on the 6146s is too high (check the votage divider networks, and measure the screen voltage directly) but it also Icould be a malfunctioning bias supply, or something loading down the bias voltage. First thing I'd do is measure the voltages from the 516F-2 without the KWM-2 connected. Jumper the two pins on the end of the 516F-2 cable (I believe they are pins 5 and 6, but they might be 4 and 5--don't remember which, and I'm at work). Then check the bias voltage to make sure it varies over the appropriate range. Set the bias control to the maximum negative voltage, which I'm guessing is about -90V.

Then hook the KWM-2 up, turn it on, and measure the bias voltage in both receive , TUNE, and KEY-LOCK position (mike gain down). If the voltage drops, say from -70V to -40V in transmit, then you've got a problem in the KWM-2. Something is loading down the bias voltage circuit --possibly a bad capacitor or resistor -- which is reducing the bias voltage on the 6146s, causing them to run too hot. Trace out the circuit diagram, paying special attention to bypass caps.

You might also check to see if the selenium rectifier in the 516F-2 (a small black stud-mounted cube) has been replaced with a silicon diode. If it hasn't they you might replace it with an ordinary 1000PIV/1A diode. You don't need the series 100 ohm resistor, if you do the swap, but it doesn't hurt to leave it in. Good luck.

73,

Jim Garland W8ZR

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997

From: "John D. Peters" <k1er@gte.net>

Subject: Re: KWM-2 problems - please help if you can

Dave Kelley wrote:

>

> Hi gang...

>

> I hope someone can help me solve a problem I'm having. I know it's hard to do over the net, but here is the scoop. This is a KWM-2 with AC power supply.

>

> Problem: It draws about 150 mils when I key the mic. The bias control on the power supply is up all the way (or down if you think of negative

numbers as down)

>

> It tunes okay in all the tune modes - tune and lock.

>

> The 275 volt supply seems to be more like 400 volts for some reason.

>

> There are resistance measurements in the book and I checked the driver (6DC6) and 6146 tubes. The pins all check okay except pins 2 and 9 on the driver...shou

>

> I guess I'm pretty lost. Everything LOOKS good as far as the parts and connections. Neutralization doesn't seem to help.

>

> If anyone has some thoughts on this I'd sure check it out on this end. It just outha' work...

>

> Thanks

>

> and 73

>

> Dave

> AI7R

Why are you checking the grids of the IPA and PA tubes, when the power supply voltage is double what it's supposed to be?????????

Unplug the 516F-2 from the KWM-2. Visually inspect for burned or bad parts (take the chassis out of the cabinet.) On P1, pins 7 and 5 are the common and switched side of the 110v to the primary of the transformer.

Pins 3, 10 and 11 are ground.

Pin 1 is 275 VDC.

Pin 4 is -65 to -80 VDC. (Adj bias supply)

Pins 8 and 9 are common and 6.3 VAC (filaments)

Pin 2 is 800 VDC.

Fix the POWER SUPPLY, then worry about the KWM-2!!!!

To test without killing yourself, unplug the P-2 from the wall. Short pins 5 and 7 (e.g. same as turning on the switch). Put the Voltmeter on pin 1 (+) and pin 3 or 10 or 11 (-) and plug in P-2 and see if the meter reads +275 VDC. IF not, fix the power supply.

The schematic is Figure 7-2 in the KWM-2 book.

73 John

-----1515A8A4246--

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: KG9IL@aol.com
Subject: Looking for NC-183 on the list..help!
Message-ID: <970304185252_-1004326317@emout15.mail.aol.com>

oops....

Earlier today I read a post for a NC-183 rcvr for sale in Wisconsin.... I was a little quick on the trigger and deleted this post. Could the owner please respond or would someone be kind enough to relay his e-mail address to me.

Thanks Kevin.....KG9IL@AOL.COM

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Mil Radio Collectors Group Gathering
Message-ID: <2.2.32.19970305174026.0076bb2c@marlin.nosc.mil>

-----_857612426==_
Content-Type: text/plain; charset="us-ascii"

The Mil Radio Collectors Grp. is meeting this year on May 3 in San Luis Obispo Ca. Dave Ragsdale has signed us up at the Camp San Luis Obispo NCO Club. This year there will be a \$2 fee to cover the cost of the meeting place. Last year we passed the hat to pay for the room which Hank Brown had paid for out of pocket. There is a campground with RV hookups about 50 feet from the NCO club which will be available to folks associated with the Mil Radio. There are 12 spaces with RV hookups, \$10 for full hookup \$8 for partialper day. If no hookup is needed there is a large field area that is also ok for tents that is \$5 a night. The billeting office phone is 805-594-6500. There is a small playground right behind the NCO club with swings etc. Dave also would like to know how many people would be interested in a BBQ at lunch for approx \$6-\$7 a head as there is a kitchen and big BBQ right there. If enough folks are interested Dave will handle the logistics

An MSword.doc file of the area motels is attached. Dave is sending a scanned map and written directions which I'll pass along when they arrive. Henry Engstom is finishing up a program that I'll post also.

Last year was fun and interesting with black and green radios available for inspection/operation so if you plan to bring something let me know and I'll pass it to Henry. A swap is planned before the meeting too. Hard copies of the maps etc will be mailed to folks on the MRCG list and anyone who wishes to show up.

```
--=====857612426==_
Content-Type: application/msword; name="Slomotel.doc";
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Content-Transfer-Encoding: x-uueencode
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[illegible]

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M(\$-/34U%4D-%(\$Q/1\$=)3D=3(\$1)4D5#5\$]260T-#0U304X@3%5)4R!/0DE3
M4\$`-#0U.86UE!T%D9`)E<W,'4&A0;F4'5&]L;"!&<F5E(%!H;VYE!U)A=&5S
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M-S`U!R0D)`<`0G5D9V5T(\$U0=&5L!S,T-2!-87)S:`<U-#M-C0T,P<X,#`M
M-#4X+3@X-#0`) "0`!T-086-H;6%N(\$EN;@<Q,#`Q(\$]L:79E!S4T-"TP-#`P
M!P<D!P=\$87ES(\$EN;@=/<&5N:6YG(%-0;VX`!P<`!T5M8F%S<WD@4W5I=&5S
M!S,S,R!-8610;FYA!S4T.2TP.#`P!S@P,"TX-C0M-C`P,`<D)"0`!TA0;&ED
M87D@26YN(\$5X<`)E<W,'`3@P,"!-;VYT97)E>0<U-#0M.#8P,`<X,#`M-#8U
M+30S,CD`) "0D!P=33\$`@0V]A<W0@2&]S=&5L!S\$R.3(@1F]0=&AI;&P`-30T
M+30V-S@`!R0`!TA0=V%R9"!*;VAN<V]N(\$Q09&=E!S\$U.#4@0V%L;&4@2F]A
M<75I;@<U-#0M-3,P,`<X,#`M-C4T+3(P,#`') "0`!TQA(\$-U97-T82!);FX`

[illegible]

M`.....0`.....!X0<L".....
M`.....'@`...!,...!-:6-R;W-09G0@5V]R9" V+C`.....P`...4`
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M`.....W*5E`#/`"00`...`90`.....
M`.....,`'8)`"U&@`.....'8&`.....
M`.....6`!J`.....!8`&H`...!J%@`.....
M`&H6`.....:A8`.....!J%@`.....&H6`4`E!8`....."4%@`...
M`.....)06`E!8`....."4%@`.....)06`*`GA8`..."("4`
M`%@`.....*P9`Q`P!8`...#`%@`.....,`6`P!8`...
M``#`%@`.....,`6`P!8`...#`%@`....."L7`".....+1<`
M`M%P`....."T7`I`5A<`!P!`!R&`...`\$`'(X9`...>`...
MW1D`...%0`Q&@`A`...*P9`.....&H6`...
M`P!8`4`!@`!`4`P!8`...#`%@`.....
M`...#`%@`.....,`6`K!D`...#`%@`.....&H6`...
M`...:A8`...#`%@`.....#`%@`.....,`6`
M`P!8`...#`%@`.....,`6`...:A8`...#`%@`...
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M;F4'4F%T97,'!P<'07)E82!#;V1E("@X,#4I!P<'!T%D;V)E(\$EN;FX',30W
M,R!-;VYT97)E>0<U-#DM,#,R,0<X,#`M-C<V+3\$U.#@') "0'!T%P<&QE(\$9A
M<FT@0V]U<G0L!S(P-34@36]N=&5R97D'-30T+3(P-#`'`.#`P+3,W-"TS-S`U
M!R0D)`<'07!P;&4@1F%R;2!);FX',C`U-2!-;VYT97)E>0<U-#0M,C`T,`<X
M,#`M,S<T+3,W,#4') "0D!P="=61G970@36]T96P',S0U(\$UA<G-H!S4T,RTV
M-#0S!S@P,"TT-3@M.#@T.`<D)`<'0V]A8VAM86X@26YN!S\$P,#\$@3VQI=F4'
M-30T+3`T,#`'!R0'!T1A>7,@26YN!T]P96YI;F<@4V]0;@<'!P<'16UB87-S
M>2!3=6ET97,'!S,S(\$UA9&]N;F\$'-30Y+3`X,#`'`.#`P+3@V-"TV,#`P!R0D
M)`<'2&]L:61A>2!);FX@17AP<F5S<P<Q.#`P(\$U0;G1E<F5Y!S4T-"TX-C`P
M!S@P,"TT-C4M-#R.0<D)"0'!U-,3R!#;V%S="!(;W-T96P',3(Y,B!&;V]T
M:&EL;`<U-#0M-#8W.`<')`<'2&]W87)D(\$IO:&YS;VX@3&]D9V4',34X-2!#
M86QL92!*;V%Q=6EN!S4T-"TU,S`P!S@P,"TV-30M,C`P,`<D)`<'3&\$@0W5E
M<W1A(\$EN;@<R,#<T(\$U0;G1E<F5Y!S4T,RTR-S<W!S@P,"TU-#M,C<W-P<D
M)"0'!TQA;7!L:6=H=&5R(\$EN;@<Q-C`T(\$U0;G1E<F5Y!S4T-RTW-S<W!S@P
M,"TU-#<M-S<X-P<D)`<'3&]S(%!A9')E<R!-;W1E;`<Q-3<U(\$U0;G1E<F5Y
M!S4T,RTU,#\$W!S@P,"TU-#M-3`Y,`<D)`<'36%D;VYN82!);FX',3`P(\$UA
M9&]N;F\$'-30S+3,P,#`'`.#`P+34T,RTY-C8V!R0D)`<'36ED+510=VX@36]T
M96P'-#<U(\$UA<G-H!S4T,RTT-3,S!P<D)`<'36]T96P@-@<Q-#S(\$-A;&QE
M(\$IO87%U:6X'-30Y+3DU.34'`.#`P+30V-BTX,S4V!R0'!T]L:79E(%1R964@
M26YN(`<Q,#`P(\$]L:79E!S4T-"TR.#`P!S@P,"TW-S<M-3@T-P<D)`<'4&5A

[illegible]

M`#J`&!O`_0!G`;P`/T`<P#\\#J`\$T!?!_0!BP;P`.D`8L&\\#J`
M`*<!O`_0!G`;P`/T`<P#\\#J`\$T!?!_0!BP;P`.D`8L&\\#J`&<
M!O``_0!G`;P`/T`<P#\\#J`\$T!?!\$P`&\$9;AL`+L*`H`"@*`D`
M"O"^#Q`%E/(!WP.(!,L&8X@`(?!@!*K0%`"X!O`N04`,`D%`#7!0`
MX`4`.T%`#P!O`\\04`(&`_0!@`&08`"8&`I!@`*@8`#8&`!"
M!@`2P8`%Q&`!<!@`708`&P&`!V!@`?P8`(&`"#!@`A`8`(P&
M`"?!@`J`8`+4&`"W!@`N`8`,&`#3!@`W`8`.D&`#L!@`[08`
M`/P&`_*!P`\$P<`""`#J`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`
M_0!S`/P`/T`30%\\#J`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`_0`
MS`/P`/T`30%\\#J`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`_0!S`/P
M`/T`30%\\#J`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`_0!S`/P`/T`
M`30%\\#J`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`_0!S`/P`/T`30%
M\\#J`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`_0!S`/P`/T`30%\\#J`
M`&+!O`Z0!BP;P`/T`9P&\\#J`&<!O`_0!S`/P`/T`30%\\3`8`
M`1D!N&P`NPH`"@*`H`"0`) +X.`64_P@'?X@\$RP9CB`@`&\$J(<`
M`",`D!P`,`P<`\$\$`!*!P`5P<`%L`!<!P`9P<`,`!`!P`
MB0<`(P`"-!P`H@<`+"Y!P`Q@<`,T`#.!P`W@<`.P`#U
M!P`@@`4(`&"`%@`"((`K"`+@`"X(`O`"/O@`\$L(
M`!4"``80@`&O(`!E"``=0@`,(`,`","F0@`/T`8L&\\#I`&+
M!O``_0!G`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`
M_0!G`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`_0`"
MG`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`_0!G`;P
M`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`_0!G`;P`/T`
M`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`_0!G`;P`/T`9P&
M\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`_0!G`;P`/T`9P&\\#J`
M``,`,_`_0!-7P`!,`,`!@!&0&X;`"[`"@*`H`"@)`D`O@X`!93`_=\\
M#B`3+!F.(``"``8`2J9"``G`@`))T(`"N"``N`@`,`\$(`#.``T0@`
M`-((`#?``ZP@`/O(`"!0`!D`4)`1`0`'PD`"@)`U`0`
M.`D`#FD)`Z`0`.PD`#P)`]`0`/@D`#\\)`!`0`= @D`/T`8L&
M\\#I`&+!O`_0!G`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`
M`&+!O`_0!G`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+
M!O``_0!G`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`
M_0!G`;P`/T`9P&\\#J``,`,_`_0!-7P`/T`8L&\\#I`&+!O`YP`!
MP" `P`.<`<`A\\
M`.....
M`.....
M`.....!`...\$P`&\$9;AL`+L*`H`
M"@*`D`"O"^#Q`%E/(!WP.(!,L&8X@`(?!@!`X`#P`(\$`2P`/
M`:``!`\\?`"!H`!DY0<FUA;`"``P!A`"00
M`(@! !O/+_H0`B`!9\$969A=6QT(%!A<F%G<F%P:"!&;VYT`
M`_____=@8`8`____P4`____P\$`!"`__P\$`8&
M`P`=@D`4`,`,%X\$`"T!0`(<)D(`!V"0`!@`'_`@`"0`*&L`
M`4%D;6EN("8@1FEN86YC92P@0V%L(%!0;'D@4TQ/&4LZ7\$1!5D5?4BY)3EQ3
M3\$)-3U1%3"Y\$3T,64`5B;&EC(%-A9F5T>2!397)V:6-E<QE+.EQ\$059%7U(N
M24Y<4TQ/34)414PN1\$)#_T!(4"! ,87-E<DIE="`T(%!L=7,O-\$T@4&QU<P! ,
M4%OR.@!(4%!#3#5%`\$A0(\$QA<V5R2F5T(#0@4&QU<R\\T32!0;'5S`
M"@,))\$0`UP`#%P`_0`!`\$`!P#_P`_0`)(COVYT#
M`0`!0`_0`!

M`.....\$`0`V!`.....@`\$`#`_`(```!`.....5@````0``P``
M`.....!P`.....
M`.....
M`.....(<`).....2%`@3&%S97)*970@-"!0;'5S
M+S1-(%!L=7,`.....*`PD`1`#7``7``!``\$`.....0``/S_``!
M`.....D`.....B._;G0,`!``%`.....!``\$`.....
M`.....0!``#8\$``"``0``/\``@``\$`
M`!6`(```!``#`.....
M`.....
M`.....AP`D`.....;+`\$`
M=@``(L``+``(`P!X``#`.....@``Q`!46D`\$``%1I;65S(\$YE=R!2
M;VUA;@`,`%I`!`@!3>6UB;VP`"R:0`0``07)I86P`(@`\$``\$(C!@``-``"!H
M`0``#?(Q-&+"031B0D\$T8\$`!0``!;`0``00<``4`P``0`@Q`0``
M`.....%`\$``!`....."\$#A``#T@("``@("``@4T%.(\$Q525,@
M3T))4U!/((\$-(04U"15(@3T8@0T]-34520T4@3\$]\$1TE.1U,@1\$E214-43U)9
M`!4%D;6EN("8@1FEN86YC92P@0V%L(%!0;'D@4TQ/%E!U8FQI8R!3869E
M='D@4V5R=FEC97,`.....T,\1X*&Q&N\$`.....
M.P`#`/[_`"0`&`.....!`.....0`.....\$``@``\$``#`^
M_____#`_____
M`_____
M`_____
M`_____
M`_____
E`_____
P``

end

--=====857612426==_
Content-Type: text/plain; charset="us-ascii"

Ed Zeranski ejz@marlin.nosc.mil, work
 ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or govt. should try to take credit for it!

--=====857612426==_--

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: BRICKEY_PETER@tandem.com
Subject: National HRO
Message-ID: <199703050858.AA30521@POST.TANDEM.COM>

Hi;
I picked up an early (serial N-138 dates it around 1936) HRO last

weekend at the Livermore Swap meet with a interesting ID tag. The tag is mounted in the upper right hand corner and, I assume, that it is a dealer's tag. It reads:

```
+-----+
|               |
|      S.A.F    |
| National - Collins |
|      /\       |
|     / N  \    |
|      \ C /    |
|      \/       |
| 27 Rue de Marignam Paris |
+-----+
```

Does anybody know of any history of this dealer?

73's Peter

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: kilgore@dev.tivoli.com (Jeff Kilgore)
Subject: Re: Need help Philadelphia, Penn. from a BA
Message-ID: <199703041844.MAA11477@wichita.tivoli.com>

>
> His Name/add.
> Craig Logan
> PO Box 7506
> Phil., Penn. 19101
> PH. 215-848-6915
> 6361 Ross St.
> Phil., Penn. 19144
>
> My Name
> Dave Meitzen
> Glen Ellyn, Il.
> Phone Day 800-323-3529 ext 8131
>
> If he is legitimate the Collins are a good deal.
> Thanks
> Dave AA9TT
>
>

Dave,

FWIW, he doesn't show up in a search on the 411 web page. If it were me, I'd be cautious.

73,
Jeff Kilgore, KC1MK

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "John H. Dilks III" <oldradio@worldnet.att.net>
Subject: Re: New Jersey ARC Web Page - It will be back!
Message-ID: <19970304230001.AAA28297@LOCALNAME>

At 09:56 PM 3/4/97 +0000, you wrote:
>I've been trying to open the NJ ARC web page for two days now to read about the
>cancelled Marconi auction.
>Can't open it. Keep getting a proxy error. What's up?
>
>According to the boatanchors posting, the URL is: www.globalent.net/oldradio
>Is this correct? I've opened this page in the past. Don't know what's going on
>now.
>

Doug and all BA'ers

The New Jersey Antique Radio Club's web site is down for a couple of days
(no more than that I hope) while the ISP moves to a new location. I thought
it would only take a couple of hours, but it's been several days now.

Please keep trying - it will be back!

Thanks & 73' John Dilks, Webmaster: <http://www.globalent.net/oldradio>

.,=====.
| 73's from John H. Dilks, K2TQN, oldradio@worldnet.att.net |
| |
| New 1-12-97: Radio History Article by John Hogan, Radio Pioneer, |
| written in 1922. Edited with Photos, Bios, Sound Files and |
| HyperLinks. <http://www.globalent.net/oldradio> |
| |
| NJARC is on the WEB - <http://www.globalent.net/oldradio> |
| There's always something new about old radio on our Web Page. |
We update it every week!

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "Douglas Palmer Jedi" <palmerdo@plhp002.comm.mot.com>
Subject: New Jersey ARC Web Page??
Message-ID: <9703041654.ZM5618@plhp451.comm.mot.com>

I've been trying to open the NJ ARC web page for two days now to read about the cancelled Marconi auction.

Can't open it. Keep getting a proxy error. What's up?

According to the boatanchors posting, the URL is: www.globalent.net/oldradio
Is this correct? I've opened this page in the past. Don't know what's going on now.

Doug, K4KEY

--

Doug Palmer

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997

From: Bill Meara <wmeara@erols.com>

Subject: Parts from BA brother!

Message-ID: <199703051141.GAA26371@smtp2.erols.com>

Came home from work yesterday to find a small package from Allan Fritsche. It contained (for me) BA treasure! There was an RF can, a Hammarlund antenna tuning cap and some clips to hold IF cans in place. These parts (not available in Radio Shack!) will allow me to complete the restoration of my HQ-100.

While it is very satisfying to fix a rig with parts from the junk box or parts acquired at a hamfest, I somehow find it even more satisfying to fix a rig with parts provided by one of our BA buddies. Sort of reminds me of the old days when hams collaborated on their projects. You guys know what I mean. Thanks Allan!

>

73 de N2CQR

Bill Meara

Hallicrafters, Heaths and Hammarlunds

QTH: Falls Church, Virginia, USA

Formerly of Tegucigalpa, Bilbao and Santo Domingo

wmeara@erols.com

<http://www.mindspring.com/~johnmb/billm.htm>

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997

From: tomrice@netcom.com (Tom R. Rice)
Subject: Phoenix Crystals: latest word
Message-ID: <199703051915.LAA29064@netcom2.netcom.com>

As promised, I sent Mr. Morris a long list of your comments/needs/requests re crystals. Somewhat to my surprise, I've just received the following update on this apparently rather complicated business. It looks like nothing's easy these days!

I'll dig out the address info and ba/gb access dope for him, but some of his comments would be best served by direct replies from those concerned: you know who you are ;-)

Forwarded message:

> From n0acs@juno.com Wed Mar 5 01:23:26 1997
> To: tomrice@netcom.com
> Subject: Crystal poll.
> Message-ID: <19970305.031730.5471.8.N0ACS@juno.com>
> X-Mailer: Juno 1.15
> X-Juno-Line-Breaks: 17-18,26-27,33-36
> From: n0acs@juno.com (John R. Morris)
> Date: Wed, 05 Mar 1997 04:22:26 EST
>
> Thank you Tom for the polled information. I appreciate your effort very
> much. I do not have internet access where I am located with out long
> distance charges, so I have just continued with the E-mail. I appreciate
> the freqs. which you listed. At present I plan to build up a stock of the
> "popular" QRP and other freqs. so that I can effect prompt shipments. At
> present the problem with providing FT-243 holders is that no one has
> manufactured them since the end of the Korean war. Bob at CW and Jan
> crystal both bought huge quantities of the surplus crystals and blanks
> which the government had on hand at the end of WW2. As Bob puts it
> "quartz doesn't rot"! They bought the stuff at about 10cents on the
> hundred dollars of crystals if you can imagine that. Bob has been working
> all these years off that original stock. When and if he ever gets me an
> inventory list as he's promised, I'll probably undertake the FT-243's
> providing we can come to an agreement. I've been down there twice since
> Dec., and I can't really blame him for not wanting to get out in a cold
> warehouse, and do an inventory. If this doesn't gel I probably will not
> have FT-243's as my equipment is not really capable of cutting the square
> and rectangle blanks with out a lot of changes.
>
> I do have HC-6 holders with the .093 size pins to fit the FT-243 style
> sockets so that shouldn't be a problem in using these in their place. I
> noticed that you had a reply in the material that C & H in Calif. had

> FT-243's at like 100 quantities at 50 cents each. I would appreciate an
> address or phone no. for C&H if you can possibly come up with it. Also
> does the gentleman who sent in that comment live in the same location as
> C&H? I sent an e-mail inquiry to Surplus Al regarding his stock as I am
> waiting to see what he has.

>

> Before I forget it could you advise me on how I go about subscribing to
> "boat anchors"? I have some older stuff I'd like to peddle if anyones
> interested. I also have a 500 hz. mech. filter that is new and fits the
> Collins 75A4 rec. which I would like to trade for a 500 hz. filter for a
> Collins 75S3 rec., or sell. Also how about the contact for the "glow
> bugs" net?

>

> I'll say 73 for now and hope to hear from you soon.

> John

>

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997

From: leeboo@ct.net (Leon Wiltsey)

Subject: PROJECT

Message-ID: <199703051446.JAA03275@blue.ct.net>

Tnx to all of you good BA people, I finally am getting staRTED
on building my regen teansceiver. I got good schematics
arrl books vernier dials and other goodies in the mail. tnx all of you again.

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

68yr old semi disabled senior

(stroke got my balance and coordination)

play keyboard and sing

music 1920's to 60'

none of the 80'S- 90'S noise

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: QTH.BAFOLKS UPDATE
Message-ID: <331DADE5.5CAB@ghg.net>

Folks:

Looks like I'll be off work Friday this week, and will be using the time off to update the QTH.BAFOLKS listing.

If you want to be added, please send me (bdhall@ghg.net) your entry in the following format (this is important, 'cause if it ain't I gotta edit it by hand):

Last name, First name, call calls and any ex-calls, e-mail address or addresses, city or town, state province or international equivalent, country

So, my entry would look like:

Hall, Benjamin, no call, bdhall@ghg.net Benjamin.D.Hall1@JSC.NASA.GOV, Webster (near Houston), TX, USA

To check your entry, or if you want to know more about the QTH.BAFOLKS list, aquire one from the illustrious, kick-butt BA archives with the following procedure. Send an e-mail addressed to LISTPROC@SCO.THEPORCH.COM, (DO NOT SEND TO BOATANCHORS!!!!!!!!!!) with the following in the text:

get boatanchors QTH.BAFOLKS

And via return e-mail, you will receive your very own copy!

73,
Ben
--

Benjamin D. Hall, Houston Texas - Junque collector extraordinaire.
E-mail: BDHall@GHG.net (home) -or- Benjamin.D.Hall1@JSC.NASA.GOV

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Re: R-390A Parts
Message-ID: <2.2.32.19970304205114.00af41fc@marlin.nosc.mil>

At 03:29 3/4/97 GMT, you wrote:

>

>Fellow Anchorites,

> Awhile back, someone on this list mentioned Dick Walser as a source of parts for the R-390A. I called him and found him and while he doesn't have whole units, he does have a lot of nuts and bolts, and odd components for the R-390A, and some module He is wonderful gentleman to talk with.

> His telephone number in California is 818-766-2747.

>73's

>Tom Tarheel6@msn.com

>

> Agreed! I bought 2 audio chassis, one as spare and one for the Kleronomos audio mod, from him which came promptly and well wrapped.

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home

Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997

From: Dean Davidson <ddavidso@metz.une.edu.au>

Subject: Re: rack panel screws

Message-ID: <3.0.1.16.19970305104726.21e7b888@metz.une.edu.au>

>Are all rack panel screws 10-32 or were some of the older
>racks tapped for a slightly different thread? I have an older
>rack here and the 10-32 screws don't seem quite right. Maybe
>it's just paint or crud in the threads but I don't want to
>strip the threads.

In Australia, and I imagine the UK as well, 1/4" Whitworth were the norm.

Probably these days 6mm may be the standard, but I don't know - I have never bought a new rack!

Dean

--

Dean Davidson Web Page: <http://www.une.edu.au/~psychology/deand.htm>

Dept Psychology Email: <mailto:ddavidso@metz.une.edu.au>

University of New England Phone: 61 67 73 2585

Armidale NSW 2351 Australia VK2 ZID

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: rack panel screws
Message-ID: <Pine.SUN.3.91.970304220540.10287C-100000@indy1>

Hi, Charles & crew!

I have writ of racks in the past, and will try not to repeat myself here. There is no real standard in North America for tapped-rail rack screws! 10-32 is the kinda-sorta stanmdard, but RCA & Collins made racks with 12-24 rails (the better to hold heavy iron!) and I've seen 8-32 racks, too. Other folks have mentioned other sizes.

However, **aside** from the outside chance of 10-24 tapping, **none** of 'em are fits-but-feels-wrong compatible. 10-32 screws just spin in 12-24 holes, and won't even fit 8-32; Whitworth threads (used in the English-speaking world outside of NA, back when the sun never set etc.) have a different pitch angle.

It's likely something simpler. Many racks are tapped first and painted later--and old, hard paint makes the threads slightly wrong. (Or even new paint). I usually keep a tap handy when installing gear in a new rack or unused holes of an old one; the tap will take the paint right out, with far less force than actually tapping a hole requires. You might try it--it should spin in pretty easy.

73,
--Bobbi

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Tom LeMense <LEMENST@fhsmtp.fh.trw.com>
Subject: rack panel screws -Reply
Message-ID: <s31c2497.059@fhsmtp.fh.trw.com>

Charles Kadesch wrote:

..
>Are all rack panel screws 10-32 or were some of the older
>racks tapped for a slightly different thread? I have an older
>rack here and the 10-32 screws don't seem quite right. ...

I've seen 10-24 bolts for racks. My mechanics handbook also claims existence of a 10-30 bolt, but I don't know anything about these.

-tom

KC8GFQ

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: dr.electron@juno.com
Subject: RE: Rack screws
Message-ID: <19970304.225113.14318.1.dr.electron@juno.com>

Greetings;

The stainless (hard) dress-head screws with built-in nylon washers
(# 10 - 32) have a self - tapping feature on the first six or so
thread to alleviate these problems. They are also quite attractive and
require no washers.

Should I try to research the manufacturer ? Interest ?

Regards, Rich P /

#

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: km1h@juno.com
Subject: Re: Rack screws
Message-ID: <19970305.084514.9871.9.km1h@juno.com>

On Wed, 5 Mar 1997 06:53:59 GMT dr.electron@juno.com writes:

>Greetings;
>The stainless (hard) dress-head screws with built-in nylon washers
>(# 10 - 32) have a self - tapping feature on the first six or so
>thread to alleviate these problems. They are also quite attractive
>and
>require no washers.
> Should I try to research the manufacturer ? Interest ?
>Regards, Rich P /

Those are still listed in the H.H. Smith catalog. Also try any
industrial fastener distribution company. I doubt that the mfg would
have an interest in selling direct.

GL....Carl

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: RE: Rack screws

Message-ID: <2.2.32.19970305162356.00731a88@marlin.nosc.mil>

>The stainless (hard) dress-head screws with built-in nylon washers
>(# 10 - 32) have a self - tapping feature on the first six or so
>thread to alleviate these problems.
> Should I try to research the manufacturer ? Interest ?
>Regards, Rich P /

Said screws can be had from:

Stantron	#5DH100	5/8" for flat panels
	#5DH99	1 1/8" for formed panels

12224 Montague St.	288 Main St
PO box C-4527	Monson, Mass.
Pacoima, CA	or 01057-1396
91333-4527	413-267-5561
818-890-3445	FAX -5569
FAX -4460	

Another source that also has the 12"equipment handles someone posted
for:

East Coast	West Coast
ASMC0 (Accurate Screw Machine Co.)	Gene Schiff Sales
19 Baltimore St.	23685 Elkwood St.
Nutley. NJ	Canoga Pk, CA
07110	91304
201-661-2600 Fax -3408	818-340-8660 Fax

Stantron is a division of Zero, a major rack manufacturer. ASMC0 carries an
extensive line of electronic hardware in most materials.

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person,employer,or govt.should try to take credit for it!

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: Tom LeMense <LEMENST@fhsmtp.fh.trw.com>
Subject: re: rack screws - Reply
Message-ID: <s31d4a0f.020@fhsmtp.fh.trw.com>

Roberta J. Barmore wrote:

..

>There is no real standard in North America for tapped-rail
>rack screws! 10-32 is the kinda-sorta stanmdard, but RCA
>& Collins made racks with 12-24 rails (the better to hold
>heavy iron!)

..

Ooops! -- I've seen the *12-24* bolts used, and not *10-24* as
I mentioned in my earlier post. Last night I checked my own
rack stuff at home and it is all 10-32 thread.

-tom

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Rackin' & tappin'
Message-ID: <2.2.32.19970305154859.00746a18@marlin.nosc.mil>

There were several posts about rack screws, I thought this might
help. We install a lot of equipment in racks and run into all the rack
screws common in the US. Even the new racks have threads that are bunged up
or paint filled. Rather than carry a regular tap set I bought everyone a
Klein #627-20 multi tap. The double ended tap fits into a screwdriver handle
and covers six sizes, 6/32, 8/32, 10/32, 10/24, 12/24, and 1/4-20. That
works for most install jobs. Mine is over ten years old and still on the
original taps even after lots of use. Anyplace that sells electronic or
electricians tools should have it.

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: Reliable source of good-quality coil forms
Message-ID: <19970305040754.AAA18247@LOCALNAME>

At 12:57 AM 3/5/97 +0000, you wrote:
>I save pill bottles just for this very purpose; also small-diameter
>cardboard tubes (such as the wife's/girfriend's fem hygiene thingie),
>et cetera...
>Jeff KH2PZ

>
>

Pill bottles work OK, but the plastic is kinda thin and "Q" dope doesn't stick to it well, nor does Duco or Ambroid cement.

Best results I've gotten is with plastic drain "waste" pipe available at your local hardware store. It "just" fits on old 5 pin 807 tube bases! A little "super glue will permanantly glue it to the base. The white stuff seems easier to work with than the black. One "drain" extension will make 3-4 coil forms! I ALWAYS save 4 and 5 pin tube bases. Your local "old radio" nuts will usually supply you with dud tubes you can break and salvage for the bases. Octal bases work well too and are plentiful.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997

From: DDoonan@vines.etn.com

Subject: S-Line for sale

Message-ID: <0016wwkykmyy.0016phnftvxt@vines.etn.com>

> This is a message in MIME format.
> Your mail reader does not support MIME so
> part of this message may be unreadable.

--ZoomitID=_t7345554.004

Content-Type: Text/plain; charset=us-ascii

Content-Disposition: Inline

Dennis Doonan, KG9DO

Power Electronics Research

ddoonan@vines.etn.com

414.449.6916

Eaton Corporate Research -- Milwaukee

--ZoomitID=_t7345554.004

Content-Type: Text/plain; charset=us-ascii

Content-Disposition: Attachment

Hello Gang,

Part II of moving time again.
Shipping is not included. I would prefer pick up in
the south-eastern Wisconsin (Racine/Milwaukee) area.

Collins 75S-1 receiver

Clean, working winged emblem. Stock crystals, no
CW filter. Manual included. Front panel nice. No
scratches on case.

Collins 32S-3 transmitter

Clean, working winged emblem. Stock crystals.
Front panel nice. No scratches on case. Manual
included. The microphone connector has been replaced
with the larger sized 1/4 phone connector. Other than
that, I believe it is original.

Collins 516F-2 power supply

The unit is fully functional and clean. The rubber
feet should be replaced. A speaker was mounted behind
the front grill and the 4 screws are showing and should
be replaced. The rear end of the case was bent during
shipping some years ago. It may be able to bump it out--
it's not too bad, but it not perfect. Manual included.

The station was last used last summer and has been in
storage since then. I can probably find all of the
cables for transceive operation. Price \$650

Please contact me at:
ddoonan@vines.etn.com

tnx
73 de Dennis, KG9D0

--ZoomitID=_t7345554.004--

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: Nick England <nick@cs.unc.edu>
Subject: SB-301 off freq
Message-ID: <199703042022.PAA01524@altair.cs.unc.edu>

I am attempting to help someone via e-mail who has a very strange
problem with his Heath SB-301 receiver.

Frequency is OK on all bands but 80m. On 80, he says the dial reads 100 kc off ! Since freq on this rig is determined by an LMO mixing with a crytsl controlled HFO, it seemed the only thing that could cause this was a bad or wrong HFO crystal. I sent him a crystal out of another rig - no change !!!

I am stumped - any ideas ?????????????????????????????????

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
http://www.cs.unc.edu/~nick Chapel Hill NC

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: KA9EGW@aol.com
Subject: SB200 FS
Message-ID: <970304165656_1249716558@emout11.mail.aol.com>

The YL is gone, took every scrap of food in the house, cleaned out the bank account...so what you ask? So simple:
For Sale SB200, new Cetron tubes, never fired up since bought from N4LQ a year and a half ago, first \$275 takes it u-ship.

73, Brian KA9EGW

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: hdmeitzen@champion.aclic.com (HD Meitzen)
Subject: Re: Scam AD
Message-ID: <9703051505.064C84@champion-0845.aclic.com>

This was sent to me from the Ham Trader Yellow sheets. I guess he is ok. I am going to send money. I will let you know.
Regards
Dave

--- Begin Included Message ---

From: HTYS@aol.com
From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
Subject: Re: Scam AD

He has advertised many times without any complaints about him so as far as I

know he is OK. More than that I can't say. He does advertise lots of stuff so may not be familiar with some of what he is selling.

Al Brand for HTYS@aol.com
--- End Included Message ---

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: DDoonan@vines.etn.com
Subject: Stuff for sale
Message-ID: <0016wwiyamgy.0016vffzrpfh@vines.etn.com>

Hello Gang,
It's moving time again. Hopefully for the last time.
Shipping is not included. The heavy stuff must be picked up in south-eastern Wisconsin (Racine/Milwaukee).
There is no convenient way to ship the biggers/heavy items.

BC-453B receiver	\$40
RCAF issue, 45242 mod. No. B2, low frequency beacon receiver, converted to AC operation. No tuning knob. Works	
Collins 70H-2 pto	\$12
serial number 463, condition unknown	
Gonset Communicator II	\$50
2 meter, am transceiver with manual copy, replacement power cord, and a couple of crystals, works	
Hammarlund Super-Pro receiver	\$100
no power supply or manual, civilian model in older military cabinet untested	
Heath DX-100 transmitter	\$125
untested, looks complete, no manual	
Heath SB-200 hf amplifier	\$250
works, manual copy, some wear around knobs on front panel	
Hewlett Packard 400D vtm	\$20
appears operational, calibration not checked	
National CRM 'scope	\$50
1" scope, 4 knobs and switch on front panel. Untested, no manual	
National NC-183D receiver	\$200
includes matching speaker and a Central Electronics Sideband Slicer with Q-multiplier. No manual. Picks up BC stations	

with a short piece of wire--rest is untested
Superior Model 76 \$20
Capacitor / Resistance bridge and signal
tracer with magic eye tube, works, no
manual
Triplet 630-NS vom \$45
no manual, works

Please contact me at:
ddoonan@vines.etn.com

tnx
73 de Dennis, KG9DO

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: klzat@dsport.com
Subject: Re: Swan 500 worth?
Message-ID: <Pine.GS0.3.95.970304224917.28092F-1000000@puff>

On Tue, 4 Mar 1997, shep shepard wrote:
> Can anyone give me an approximate value for a "near mint"
> Swan 500 with power supply and wattmeter??

When I bought mine brand new in the last sixtys, they were
going for about 550, a "cherry one" probably would fetch
(IMHO) \$250 today.

jd

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: John Hurst <hurstjsj@gte.net>
Subject: Re: SX-88 -- So what's so great?
Message-ID: <331CE829.5D33@gte.net>

Daves is right! My SX88 has a repaired IF can in the left rear corner.
BTW Jim, K9RJ had some of the impossible to find SX88 belts made to
spec. It might be a good idea to get one from him (if still available).

arc5@ix.netcom.com wrote:
>
> Larry:
> Be careful when servicing the SX-88.

> It is common to forget when rolling the chassis over
> and the result is a couple of irreplaceable broken IF cans
> on the corners of the chassis.
> Read an article about this so thought I'd pass it along.
>
> 73 DE Dave AB5S

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: Ho4bart@aol.com
Subject: Re: The squeaky Boatanchor gets the Oil..(slippery subject)
Message-ID: <970305111920_178854691@emout09.mail.aol.com>

hobart miller forwards this as of possible interest:

<< .we lost a lotta good guys in Korea because of Lubriplate!!!.....froze up
in there Garands (M 1's) and they couldn't even kick the op-rods open!!
I've used Lubriplate all my communications career and found out about the
freezing in the arctic circle...i.e. the Dew Line! Put some on a lock and it
froze solid!. Also, it was recommended for dynamotor end bearing
lube'...problem is that in a few years all the oils leave the "compound".
Then if you run the dynamotor e.g. DM-32, 34 etx...you might as well use sand
in the bearings!. I avoid LUBRIPLATE!.."Experience Counts".

Bye the Bye!!!. for ARC-5 or SCR-274N Rx type dynamotors...use G.M. "New
Departure" 34KDD bearings. They are "OILITE" and last forever!
>>

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: leeboo@ct.net (Leon Wiltsey)
Subject: tn timer jeff kg7fj
Message-ID: <199703050126.UAA15111@blue.ct.net>

>To: ba
>From: leeboo@ct.net (Leon Wiltsey)
>Subject: tn timer jeff kg7fj
>Cc:
>Bcc:
>X-Attachments:
>
>>To: gb
>>From: leeboo@ct.net (Leon Wiltsey)
>>Subject: tn timer jeff kg7fj
>>Cc:
>>Bcc:

>>X-Attachments:
>>
>>YOU PACKAGE ARRIVED TODAY
>>
>>Thanks very much old buddy, I will put it to good use.
>>
>>73 73 73 73
>>
>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

67yr old semi disabled senior
(stroke got my balance and coordination)
play keyboard and sing
music 1920's to 60'
none of the 80"S- 90's noise

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: Trade HW-16 for DX-60B
Message-ID: <Pine.GS0.3.93.970304163906.22570E-100000@uhunix3>

Someone want to trade their DX-60B transmitter for an HW-16
transceiver? I rather enjoy a seperate T-R pair.
Jeff KH2PZ

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
Subject: Tubes for sale
Message-ID: <41487.owen@piper.eeel.nist.gov>

Guys I saw this on the packet BBS swap and thought that some of you might be
interested. Contact him not me.

Our local radio club, of which I am the President, recently received a
donation of 4,669 tubes from a local electronics dealer. These tubes are
all A-1, brand new, sorted out, counted and in excellant condx. There are a
lot of them. Anyone who would like these tubes for a Donation of \$200.00 to
the Holland Amateur Radio Club can have them shipped to your door.

Interested parties can contact me, The HARC president at (616)772-0367.
Thanks.

He didn't give his name or call but from the packet heading I think it's
K3JZ. At less than 5 cents per tube it might be worth a call. 73 Jim K4CGY

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: don merz <71333.144@CompuServe.COM>
Subject: W0URQ 6 Band Mobile TX
Message-ID: <970305164414_71333.144_DHB55-3@CompuServe.COM>

I stumbled across a manula today for a mobile rig that I have never heard of.
It's the "Cliffor Johnson W0URQ Six Band Mobile Transmitter." The manual is
dated 1954 and Cliff's operation was located in St. Paul, Minnesota. Has
anyone ever seen one of these radios? Or heard of it?

73, Don

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: "Deane D McIntyre" <dmcintyr@acs.ucalgary.ca>
Subject: Web Address for Army Manuals (R-390 etc)
Message-ID: <9703050450.ZZ923877@ds1.acs.ucalgary.ca>

Gang:

While looking at the NTIS web site I noticed that they had put
the 5000 most popular Army manuals (out of 30,000 available) in a
searchable index. The address is:

<http://www.ntis.gov/databases/armypub.htm>

Using R-390/URR as a search term, I found the following:

Your search, (R-390/URR AND <nothing>), found 33 documents.
The actual words that were searched for were: 390 r urr

1) Frequency Shift Converters CV-116/URR, CV-116A/URR, CV-116B/URR and
CV-116C/URR. (ARMY PUBS.)

This document has a search score of 1000 and is 267 bytes in size.

2) Operator's Manual - Radio Receiver, R-390/URR. (ARMY PUBS.) 30 Aug 96. 30p

\$19.50. Outside t

This document has a search score of 957 and is 246 bytes in size.

3) Field and Depot Maintenance Manual - Radio Receiver R-390/URR. (ARMY PUBS.)
30 Aug 96. 185p

This document has a search score of 957 and is 261 bytes in size.

4) Organizational Maintenance Manual - Radio Receiver R-390/URR. (ARMY PUBS.) 23
Mar 61. 28p

This document has a search score of 957 and is 262 bytes in size.

5) Field and Depot Maintenance Repair Parts and Special Tools Lists - Receiver,
Radio, R-390/URR. (A

This document has a search score of 927 and is 297 bytes in size.

6) Radio Receiver R-389/URR. (ARMY PUBS.) 2 Aug 55. 143p \$31. Outside the U.S.,
Canada, and Mex

This document has a search score of 690 and is 208 bytes in size.

7) Operator's Manual - Radio Receiver R-390A/URR. (ARMY PUBS.) 16 Jan 61. 35p
\$21.50. Outside t

This document has a search score of 658 and is 246 bytes in size.

8) Field and Depot Maintenance Manual for Radio Receiver, R-392/URR. (ARMY
PUBS.) 30 Aug 96. 172

This document has a search score of 658 and is 264 bytes in size.

9) Operator's Manual - Radio Receiver R-392/URR. (ARMY PUBS.) 7 Nov 60. 36p
\$21.50. Outside the

This document has a search score of 658 and is 244 bytes in size.

10) Organizational Maintenance Manual for Radio Receiver, R-390A/URR. (ARMY
PUBS.) 10 Feb 61. 57p

This document has a search score of 658 and is 266 bytes in size.

11) Organizational Maintenance Manual - Radio Receiver R-392/URR. (ARMY PUBS.)
30 Aug 96. 42p

This document has a search score of 658 and is 262 bytes in size.

12) Direct Support, General Support, and Depot Maintenance Manual for Radio Receiver, R-390A/URR. (AR

This document has a search score of 645 and is 292 bytes in size.

13) Organizational Maintenance Repair Parts and Special Tools List for Radio Receiver, R-390A/URR. (A

This document has a search score of 641 and is 297 bytes in size.

14) Organizational Maintenance Repair Parts and Special Tools Lists for Receiver Radio, R-392/URR. (A

This document has a search score of 641 and is 297 bytes in size.

(rest of list deleted)

Clicking on Item 2) yielded the following:

Operator's Manual - Radio Receiver, R-390/URR. (ARMY PUBS.)

30 Aug 96. 30p

\$19.50. Outside the U.S., Canada, and Mexico \$39.

Order number: TM 11-5820-357-10ING.

Report no.:TM11582035710

To order, call the NTIS sales desk at (703) 487-4650.

It is also possible to order via the web. If you are interested in mil stuff, this site is a must to bookmark!

73, Deane D McIntyre VE6BP0
dmcintyr@acs.ucalgary.ca

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997

From: kb5wwwo@juno.com (George Folse)

Subject: WTB Meter For G-50

Message-ID: <19970305.010734.5071.2.kb5wwwo@juno.com>

Hello ALL,

Looking for Panel Meter for Gonsrt G-50. Anybody have a junker G-50 with a good Meter. I would sure be interested

Thanks,
George

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: Walter Dail <dail@CEBAF.GOV>
Subject: WTB TMC CV-591 SSB Adapter
Message-ID: <331D9641.127@jlab.org>

Hello All,

I would like to buy a TMC CV-591 SSB Adapter working or not.
Preferably in decent condition.

Thanks,
Walter Dail - KT4JA
dail@cebaf.gov

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: J P Taillebois <jpt1@idirect.com>
Subject: WTB. 75A... rcvr
Message-ID: <199703051530.KAA18407@relief.idirect.com>

Hi,

I am looking for a 75A.. rcvr preferably with 160 mtrs, but will entertain
any models..

73

Jean Paul Taillebois 996 Greenlane court, Oshawa, Ontario, Canada L1K-2C6
e.mail jpt1@idirect.com
packet: ve3jpt@va3vw
voice:905-723-1811
fax/data:905 723-9156
Collector: Hallicrafters, Central-Electronic, Gonset, Military BA, antique
radio memorabilia.

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: J P Taillebois <jpt1@idirect.com>
Subject: WTB. 8236 tubes
Message-ID: <199703051530.KAA18402@relief.idirect.com>

Hi still looking for the above for my hallicrafter tcvr

73

Jean Paul Taillebois 996 Greenlane court, Oshawa, Ontario, Canada L1K-2C6
e.mail jpt1@idirect.com
packet: ve3jpt@va3vw
voice:905-723-1811
fax/data:905 723-9156
Collector: Hallicrafters, Central-Electronic, Gonset, Military BA, antique
radio memorabilia.

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: WTB: BC-221 "hulk"
Message-ID: <19970305040754.AAB18247@LOCALNAME>

I am again looking for a BC-221 "bone". Looking for just the
chassis, no cabinet,
no calibration book, no tubes, no crystal. Would like the tube sockets,
chassis parts intact, front panel with all knobs etc. Early or late model,
makes no difference.

Anybody got one out there in the junk heap?

73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: 860 tubes, WL-460 tubes, RK-18, 20, 28 tubes
Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Wed Mar 5 13:41:18 1997
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: WTB: BC-659 Junker
Message-ID: <Pine.OSF.3.91.970305090803.20785B-1000000@francis.tenet.edu>

A friend of mine has just bought a restored WW-II Jeep (Ford GPW) and is
looking for a BC-659 junker for the case, front panel, etc. He wants to
put a two-meter rig inside but, like most of us, is too intelligent to
ruin a good radio.

What he is looking for is a BC-659 that has, at least, the following parts:

Cabinet and front panel with no extraneous holes
Working meter

Working speaker (this is not an absolute requirement)
Power cable and connector
Microphone and phone jacks and covers
Data plate and control label plate
All knobs, switches and volume pot
Chassis
Plastic chassis rails inside cabinet
Metal chassis retainers inside cabinet
Mounting hardware for AN-29C on top of cabinet
"Corbin" fasteners to latch radio to PS and to latch front panel
Antenna connector and box

Any radio that has been electrically "remodeled" or has had parts removed internally would be a candidate.

Thanks for the help.

Best regards,

Lenox

Lenox Carruth, WA50VG
Dallas, Texas
klccarru@tenet.edu

From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: wier@bobcat.etsu.edu (Bob Wier)
Subject: WTB: SB-620
Message-ID: <9703042028.AA28238@bobcat.etsu.edu>

Hi guys - I'm looking for an SB-620 to add to my Heath SB301/401 collection (the panadapter). There was one for sale on the net awhile back but I missed it.

If anyone has a line on one, I'd sure appreciate a note. I've done an altavista/dejanews search and haven't come up with anything.

THANKS & 73's de WB5KXH

Bob Wier

mailto:wier@bobcat.etsu.edu
02:27 PM Tuesday, March 4, 1997
Texas A & M University - Commerce
keeper of the Photo-3d, Overland-Trails
ICOM radio and LDS State Research Outline Guides

From boatanchors@sco.theporch.com Wed Mar 5 09:00:26 1997
From: w7fg <w7fg@w7fg.com>
Subject: WTB: Triplet 630 or Simpson 260/270
Message-ID: <199703050545.XAA05966@cc_ux_00.cimcase.com>

I am wanting to purchase a workable Triplet 630 or Simpson 260/270 VOM.
Destroyed my 630 on Sunday after repairing and went to glue glass plate
in position. Finger slipped and there went the Pointer. 90 degree
bends are hard to FIX, as the top 90% fell on the glass!!
Not as disastours as spilling paint Stipper on a NEWLY aquired 75A-4
front panel, but still hurt!! No I didn't do that.. But sure shot the
heck out of ambition for working on the 75A-1.

Gary

```
-----  
| W7FG Vintage Manuals |  
| 3300 Wayside Drive |  
| Bartlesville, Oklahoma 74006 |  
| |  
| Telephone: 918-333-3754 |  
| Orders Only: 800-807-6146 |  
| |  
| HomePage: http://www.w7fg.com |  
| E-Mail w7fg@w7fg.com |  
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From boatanchors@sco.theporch.com Tue Mar 4 20:09:01 1997
From: "John D. Peters" <k1er@gte.net>
Subject: [Fwd: Re: KWM-2 problems - please help if you can]
Message-ID: <331CFBB2.574C@gte.net>

This is a multi-part message in MIME format.

-----1515A8A4246
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Sent before I added the cc line.

-----1515A8A4246

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

X-Mozilla-Status: 0001

Message-ID: <331CFB63.243C@gte.net>